

Work Order ID 98833

March-26-13 9:05:29 AM

ASAP

98833 PRELIMINARY ISSUE

Page 1

Item ID: D4794-1

Accept

N900040100

Setup Start

NS1

Revision ID: PRELIM

Item Name: Strut

Stop *NS2*

Start Date: 3/26/13 Start Qty: 2.00

2

Cust Item ID:

Required Date: 4/09/13 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals:

Process Plan: MLS

Date: 13-03-26

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D2727	A1
D4794	PA12 AA

110 0.00

110

Small Fab

Small Fab

Memo

0.00

Small Fab

1- Cut and punch end by hand as per dwg and spec control dwg D2727

2- Grind the shape of ends of tube as per dwg and spec control dwg D2727

3- Drill hole as per dwg D4794

4- Remove identifying marks

5- Deburr

2 ϕ FF 13-04-04

120

QC5- Inspect part completeness to step on W/O

0.00

120

QC

Memo

0.00

Quality Control

1344

2 Inspect on per DWG PA2

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Skid-tube <input type="checkbox"/></td> <td style="width: 25%;">Crosstube <input type="checkbox"/></td> <td style="width: 25%;">Water Jet <input type="checkbox"/></td> <td style="width: 25%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabelled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Work Order ID 98833

March-26-13 9:05:29 AM

98833

Page 2

Item ID: D4794-1

Accept

N900040100

Setup Start ***NS1***

Revision ID: PRELIM

Stop ***NS2***

Item Name: Strut

Start Date: 3/26/13 Start Qty: 2.00

2

Cust Item ID:

Required Date: 4/09/13 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: _____	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MF
13-4-2

POSITIVE RECALL

EFFECTIVE _____ AUTH _____

RELEASED _____ DATE _____

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

Picklist . . int

March-26-13 9:05:32 AM

Page 1

Work Order ID: 98833

98833

Parent Item: D4794-1

D4794-1

Parent Item Name: Strut

Start Date: 3/26/13

Required Date: 4/09/13

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV: A 13.03.22 NEW ISSUE DD VERF: JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TR0.500W.035		Purchased		No		110	f	387.3199	1.4	2.947368			

M304TR0 500W 035

**

304 RD Tube .500 x .035W

Location

Loc Qty

Loc Code

MAT017

387.31994

120633

70.1979

121848

35.19144

123303

201.9106

123449

80.02

2.9473

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

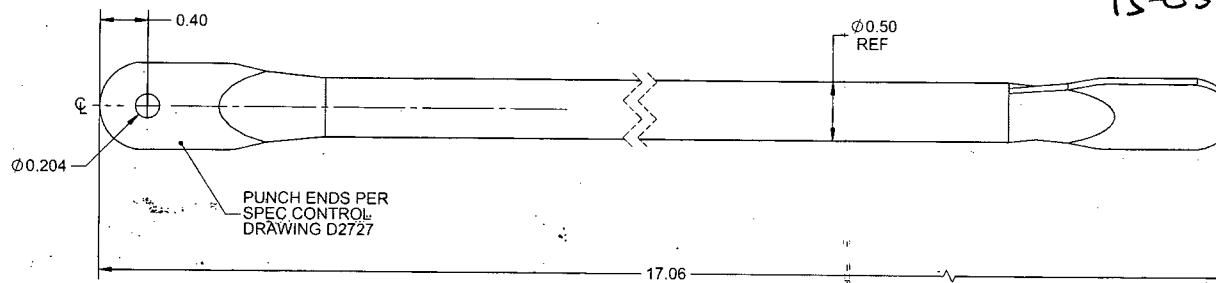
QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
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Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
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		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other



D4794-1 STRUT

PRELIMINARY ISSUE

13.03.02

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING
PER ASTM A213 OR ASME SA213 OR ASTM S269
REF DART SPEC M304TR0.500W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 006 4.1
- 7) WEIGHT: 0.26 lbs

PA2	NEW ISSUE	RF	13.03.02
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED	PC		
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	13.03.02		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4794** REV. PA2
SHEET 1 OF 1

TITLE **STRUT** SCALE
NTS

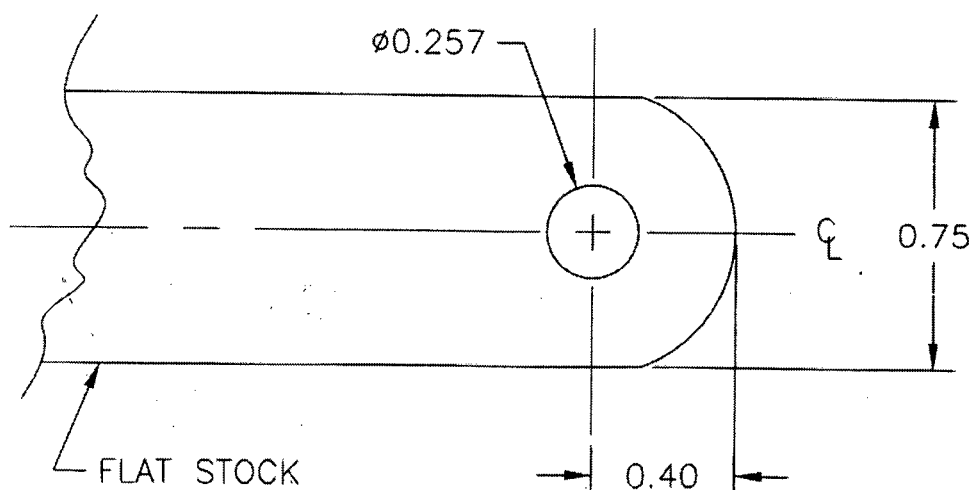
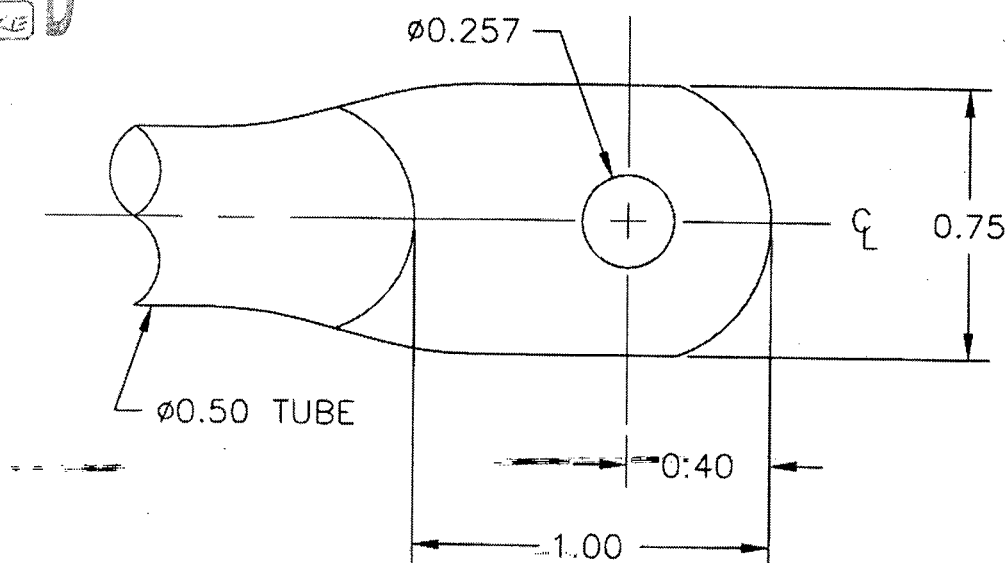
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WRITTEN PERMISSION FROM DART AEROSPACE LTD



DESIGN KE	DRAWN BY KE	DART AEROSPACE LTD VICTORIA INTERNATIONAL AIRPORT, CANADA	
CHECKED MAY	APPROVED CA	DRAWING NO. D2727	REV. A SHEET 1 OF 1
DATE 97.11.24		TITLE PUNCH DT8012 SPEC CONTROL	SCALE 2:1
A	97.11.24	NEW ISSUE	
AI	#1P 01.12.20	ADD TOLERANCE NOTE	

SPECIFICATION CONTROL DRAWING FOR PUNCH DT8012

RELEASED
98/03/00 KE



NOTE: TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.



Receiving Report

Date: 12/15/26

Batch No: M123449

Supplier: Marner

Dart P/O: 18224

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection 12/16/29 N/A ☒
 Work Order 9-83 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 Gr

Production/Admin: 12/15/26
 Date
 Received/Costing
 Initial

Location

Page 1 of 1

All amounts are calculated in domestic currency.

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty/ (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-MAR001	Marmon/Keystone Canada Ltd.								
PO18224	1		M6061T6T0.375W.0 f 58		10/26/2012	10/26/2012	312.0000	\$1.98	0.0000	0	\$618.80
CAD	No		6061-T6 RD Tube f .375 x.058W 123449		312.0000	DESJ02		\$618.80	0.0000	0	
	2		M6061T6T0.500W.1 f 25		10/26/2012	10/26/2012	36.0000	\$4.42	0.0000	0	\$159.28
	No		6061-T6 RD Tube f 500 x .125W 123449		36.0000	DESJ02		\$159.28	0.0000	0	
	3		M304TR0.500W.035 f		10/26/2012	10/26/2012	200.0000	\$0.85	0.0000	0	\$170.87
	No		304 RD Tube .500 x f .035W 123449		200.0000	DESJ02		\$170.87	0.0000	0	
	4		M304TR0.500W.049 f		10/26/2012	10/26/2012	200.0000	\$1.23	0.0000	0	\$246.14
	No		304 RD Tube .500 x f .049W 123449		200.0000	DESJ02		\$246.14	0.0000	0	
Total Received Quantity:											748.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$1,195.09
Total Balance Due Quantity:											0.0000



Marmon/Keystone Canada Inc.

ACIERS SPÉCIALISÉS

290 Chemin du Tremblay
Boucherville QU CAN J4B 5X9
TEL. 514/527-9153
FAX. 450/641-4357

PACKING SLIP

PAGE...: 1
Order : 1124020
Date...: 10/24/2012

SOLD TO:

DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIPPED TO:

DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIP VIA

TST OVERLAND #222212

F.O.B.

BOUCHERVILLE

SALESPERSON

C. Gee

YOUR ORDER NO.

PO18224

	Ordered	Description	Number Pieces	Quantity Shipped	Back Ordered
01	312 /FT	Fax all papers to Linda Lacelle 613-632-1053 ALUMINUM SMLS TUBE ATS .375 .058 D6061 Tariff Number: 7608.20.00.00 Cust. part#.: M6061T6T0.375W.058 HT#.....: F00013715 Total... 26	26	312/FT 312/FT	
02	36 /FT	ALUMINUM SMLS TUBE ATS .500 .120 D6061 Tariff Number: 7608.20.00.00 Cust. part#.: M6061T6T0.500W.125 HT#.....: F00008530 Total... 3	3	36/FT 36/FT	
03	200 /FT	STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L Tariff Number: 7304.41.19.90 Cust. part#.: M304TR0.500W.035 HT#.....: YT0674 Total... 10	10	200/FT 200/FT	
04	200 /FT	STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1/2 X .049 A213 STS .500 .049 304L Tariff Number: 7304.41.19.90 Cust. part#.: M304TR0.500W.049 HT#.....: 11B631 Total... 10	10	200/FT 200/FT	

No. of Bdls/Pieces

1 / 0

Total Weight.....:

109

Customers..:



A Marmon Distribution Services/Berkshire Hathaway Company



CRYSTAL-PALACE

SHANGHAI CRYSTAL PALACE PIPE CO., LTD

ZHONG GANG, NAN HUI, SHANGHAI CHINA ZIP CODE: 201302

MILL TEST CERTIFICATE

ISO9001:2000 ; PED Material CERTIFICATE (No.: QAC0021058/A)

DATE OF ISSUE: 2010/6/24

CUSTOMER: MARMON/KEYSTONE CANADA INC						CERTIFICATE NO.: 2010-3-5-B-5						
P.O. NO.: BN6680						ORDER NO.: 2010-03-005-B						
COMMODITY: STAINLESS STEEL SEAMLESS TUBING						GRADE: ASTM A213-07/ASME SA213-07 TP304/TP304L						
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 320 GRIT.						HEAT NO.: YT0674						
CHEMICAL CONTENTS (WT%)												
ELEMENTS		C	Mn	P	S	Si	Ni	Cr				
SPECIFICATION		≤ 0.035	≤ 2.00	≤ 0.040	≤ 0.030	≤ 0.75	8.0~12.0	18.0~20.0				
RESULTS (LADLE)		0.022	0.82	0.039	0.004	0.46	8.06	18.12				
PHYSICAL PROPERTIES												
Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa) ≥ 205	TS (Mpa) ≥ 515	EL (%) ≥ 35	FLARING TEST	FLATTENING TEST	HARDNESS HRB ≤ 80	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)	Length (feet)										
0.500	0.035	20	P10-5-66	500	797	340	685	45.5	OK	OK	76	OK (DRILLED HOLE)
REMARKS:						1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT						
AS PER ASTM A213/ASME SA213-07						2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.						
WALL THICKNESS TOLERANCE AS PER ASTM A269-07						SHANGHAI CRYSTAL PALACE PIPE CO., LTD						
IN COMPLIANCE TO NACE MR0175-2003												
IC TEST TO ASTM A262 PRACTICE E												
SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min												
NO WELD REPAIR WAS PERFORMED						<div style="border: 1px solid black; padding: 5px; display: inline-block;"> QC REVIEWED AUG 11 2010 <i>mm</i> </div>						
FREE FROM MERCURY CONTAMINATION												
COUNTRY OF ORIGIN: CHINA												
MILL TEST CERTIFICATE TO EN 10204/3.1						MANAGER OF QUALITY ASSURANCE DEPARTMENT						
INVOICE NO: YK-10-06-62												

12/10/29
14
0.8



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18224

Purchase Order Date 10/23/12

PO Print Date 10/23/12

Page Number 1 of 2

Order From :

MARMON/KEYSTONE CANADA LTD.
290 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC J4B 5X9
CA

VC-MAR001

Contact Name

Vendor Phone 800 361 8142

Vendor Fax 450 641 4357

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

12349

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
CG 12/11/12

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6T0.375W.058 ay	6061-T6 RD Tube .375 x.058W	10/26/12 Yes	312.00 f	TST ground	\$1.9500	\$608.40
Special Inst:			MATERIAL: 6061-T6 OR 6061-T62 TUBING PER WW-T-700/6 OR AMS 4080 OR AMS 4082 OR QQ-A-200/8 OR QQ-A-225/8				
2	M6061T6T0.500W.125 93	6061-T6 RD Tube .500 x .125W	10/26/12 Yes	36.00 f	TST ground	\$4.3500	\$156.60
Special Inst:			MATERIAL: 6061-T6 OR 6061-T62 TUBING PER WW-T-700/6 OR AMS 4080 OR AMS 4082 OR QQ-A-200/8 OR QQ-A-225/8				
3	M304TR0.500W.035 017	304 RD Tube .500 x .035W	10/26/12 Yes	200.00 f	TST ground	\$0.8400	\$168.00

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 1

Change Date: 10/23/12



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Hawkesbury, ON K6A 1K7
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PURCHASE ORDER

Purchase Order ID PO18224

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Page Number 2 of 2

Order From :

VC-MAR001

MARMON/KEYSTONE CANADA LTD.
290 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC J4B 5X9
CA

Contact Name

Vendor Phone 800 361 8142

Vendor Fax 450 641 4357

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst: MATERIAL: AISI 304/316 SS SEAMLESS
ROUND TUBING
AS PER A213 OR ASME SA213 OR ASTM
A269

4

M304TR0.500W.049

304 RD Tube .500 x .049W

10/26/12

Yes

200.00

TST ground

\$1,2100

\$242.00

Special Inst: MATERIAL: AISI 304/316 SS SEAMLESS
ROUND TUBING
AS PER A213 OR ASME SA213 OR ASTM
A269

PO Total:

\$1,175.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 10/23/12

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required **YES** NO